

4-11-02

Attorney's Docket No: B1055/7004 (JRV)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lipscombe et al.
Serial No: Not assigned
Filed: Herewith
For: HUMAN N-TYPE CALCIUM CHANNEL ISOFORM AND USES THEREOF
Examiner: Unknown
Art Unit: Unknown

Box PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

PRELIMINARY AMENDMENT

Please amend the application as follows.

In the Claims

Please delete without prejudice claims 1-4, 16, 17, 20, 22-28, 30 and 35.

Please amend the claims as follows. Applicants have included herewith pages showing markups of the claims with insertions and deletions indicated by underlining and bracketing, respectively.

5.(amended) An isolated human N-type calcium channel $\alpha_{1B+SFVG}$ subunit nucleic acid molecule which encodes a human N-type calcium channel $\alpha_{1B+SFVG}$ subunit polypeptide which comprises SEQ ID NO:2 in an extracellular domain.

6.(amended) The isolated human N-type calcium channel $\alpha_{1B+SFVG}$ subunit nucleic acid molecule of claim 5, wherein the human N-type calcium channel $\alpha_{1B+SFVG}$ subunit nucleic acid molecule comprises the nucleotide sequence of SEQ ID NO:1.